

ABSTRACT

The present invention provides a heat-generating agent or singlet oxygen-generating agent effective as a new cancer treatment agent which, unlike an anticancer agent based on an alkylating agent such as MMC, uses the action of heat and/or singlet oxygen to kill cancer cells and reduce the burden on patients. A heat- and/or singlet oxygen-generating agent or a cancer treatment agent, comprising an organic peroxide such as the peroxide of an imidazole derivative or a chemiluminescent compound such as a dioxetane compound.